

Abstract

A method to determine specificity of ligand binding includes comparing a solid phase carrier first extract obtained by pre-treating a sample with a ligand-immobilized solid phase carrier and a solid phase carrier second extract obtained by treating the pretreated sample again with a ligand-immobilized solid phase carrier in terms of the proteins contained therein, and identifying a protein whose content is remarkably decreased in the second extract compared to the first extract, in order to solve 1) the problem of the solubility of subject ligand, 2) the problem of the non-specific protein-denaturing effect of the subject ligand added, and the like, in antagonism experiments in target search using an affinity resin.